Materials List Buying Guide

Sources for LEDs, Resistors, MOSFET, TMP36 Temperature Sensor, and Wires
Most of the circuit components are available through SparkFun at https://www.sparkfun.com/categories.

LEDs: https://www.sparkfun.com/products/12062
An n-channel MOSFET 60V 30A: https://www.sparkfun.com/products/10213
A resistor kit with 220 Ω, 330 Ω and 1 MΩ resistors: https://www.sparkfun.com/products/10969
TMP36 temperature sensor: https://www.sparkfun.com/products/10988
Jumper wires for the Arduino board, M/M, 6-inch or 7-inch: https://www.sparkfun.com/products/10897
and https://www.sparkfun.com/products/11026
Most of these components are also available through other websites and can be found easily through a Google search. Any standard wire also works for this project, provided it fits into the breadboard holes.

Source for Breadboard and Arduino
Breadboards: https://www.sparkfun.com/products/12615
Arduino boards at Sparkfun; choose from the original Arduino Uno (R3) board or the equivalent SparkFun Redboard (programmed with Arduino); both are compatible with the Arduino IDE and work essentially the same:
https://www.sparkfun.com/products/11021
https://www.sparkfun.com/products/12757

Sources for Fan and AC Adapter
12V computer cooling fans are available at many Internet sources for a range of prices. One convenient and reliable vendor is Newegg: http://www.newegg.com/Product/Product.aspx?Item=9SI167038S8399.
AC adapters can be found everywhere, too. The most important thing is to make sure the AC adapter you use has the correct specs: a 12V AC-to-DC adapter with a current at or above the listed current draw of your fan. Although less-expensive alternatives may be available elsewhere, Home Depot sells a 12V 100mA plug-in power adapter: http://www.homedepot.com/p/SkyLink-12-Volt-DC-Plug-in-Power-Adapter-DC-12VGB/205073305?cm_mmc=Shopping-7cTHD-7cG-7c0-7cG-VF-PLA-D27E-Electrical-7c&gclid=CIKuw6-Vzs4CFcEaQod_LIG1g&gclsrc=aw.ds.